

## 300 PRO tuneWHITE™

36W TUNABLE WHITE  
LED MODULE



- Feather weight construction, ~760 grams
- Class 2 LED module with external LED driver
- >80 lm/W module
- Colour rendering index, ProART Ra~95
- 3 steps MacAdam ellipse binning
- ATePS™ smart thermal dimming to protect LED lifetime\*
- ComfyEYE aspect provides high quality uniform and comfort light with low stroboscopic optical flicker less than 5%\*\*
- X-BEAM converging optical lens maximises luminaire light output ratio
- IP40



\* ATePS™ Automated Thermal Protection System is the trademark of ELR

\*\* Optical flicker percentage is measured at maximum output. ComfyEYE for NEST is only available with R45 all-in-one LED driver (PH, AN, DA) and 36V COB LED Chipsets

tuneWHITE™ is recommended to pair with Soft Lens for better colour mixing effect.

### APPLICATION

- Hotel and galleries
- Offices
- Retail, fashion stores and showroom
- Residential

### TECHNOLOGY BENEFITS

- Superior light rendering quality offering balanced white with embedded green and red tone
- Excellent cost savings and quicker ROI
- Quick installation, no costly modification required
- Low maintenance
- Comfort, safety and no glass

### AVAILABLE OPTIONS

#### DRIVER



(DA)

DALI PART  
209

#### TEMPERATURE



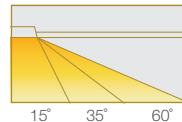
ProART



tuneWHITE™

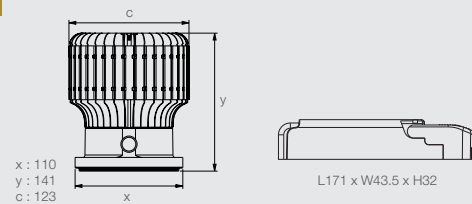
#### BEAM ANGLE

tuneWHITE™  
300 PRO



### DIMENSIONS (MM)

\*Displayed height measurements are for highest point of fitting.

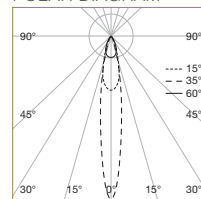


x : 110  
y : 141  
c : 123

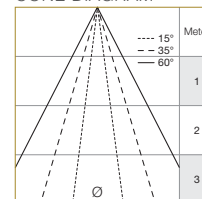
L171 x W43.5 x H32

### 300 PRO flexiK / tuneWHITE™

#### POLAR DIAGRAM



#### CONE DIAGRAM



∅ = DIAMETER

|             | Emax (lx) |      |      |
|-------------|-----------|------|------|
|             | 15°       | 35°  | 60°  |
| E (0°)      | 27015     | 8919 | 3479 |
| Cone D∅ (m) | 0.27      | 0.59 | 1.02 |
| E (0°)      | 6754      | 2230 | 870  |
| Cone D∅ (m) | 0.55      | 1.18 | 2.05 |
| E (0°)      | 3002      | 991  | 387  |
| Cone D∅ (m) | 0.82      | 1.78 | 3.07 |

### SYSTEM SPECIFICATIONS

| LED Lamp Power | LED System Power | Colour     | CCT           | Beam Angle | PROART CRI 95  |               | Driver Options |
|----------------|------------------|------------|---------------|------------|----------------|---------------|----------------|
|                |                  |            |               |            | Intensity (cd) | Luminous Flux |                |
| 36W            | 43W              | tuneWHITE™ | 1800K ~ 4000K | 60°        | 3480           | 3000          | DA             |
|                |                  |            | OR            | 35°        | 8920           |               |                |
|                |                  |            | 2700K ~ 6500K | 15°        | 27020          |               |                |

the table information is at nominal values accuracy of +/-7%  
nominal CRI ~95, equal to Ra >90-97, R9 > 50

### DETAILS SPECIFICATION

|                            |  |
|----------------------------|--|
| Family Type                | 300 PRO tuneWHITE™ Series                              |
| Mains Voltage              | 220-240, 50Hz  |
| Colour options             | Black  |
| Installation Compatibility | Compatible with AR111 mounting brackets                |
| Lifetime                   | 50,000 hours (80% lumen maintenance at Ta = 35°C), B10 |
| Dimming                    | DALI device type 8                                     |
| Mains connection           | Loop-in-loop-out terminals for convenient connection   |
| Materials                  | Aluminium, plastic                                     |
| Fire safety                | Glow wire test 850°C, UL94V-0, VW-1                    |
| Flammability mark          | F  |
| IP Code (Module Only)      | IP40   |
| Safety class               | Class 2  |
| Standards                  | IEC 62031, IEC 61347-2-13                              |
| Regulatory markings        | CE, CB, RCM  |
| Weight                     | ~ 760g   |

| LED MODULE         |               |                                    |                  | DRIVER    |      |
|--------------------|---------------|------------------------------------|------------------|-----------|------|
| LED Power          | Beam Angle    | Colour Temp                        | CRI              | Dimming   |      |
| <b>ELR300P</b> 36W | —             | —                                  | —                | —         |      |
|                    | <b>15</b> 15° | <b>TW18</b> tuneWHITE™ 1800K-4000K | <b>PA</b> ProART | <b>DA</b> | DALI |
|                    | <b>35</b> 35° | <b>TW27</b> tuneWHITE™ 2700K-6500K |                  |           |      |
|                    | <b>60</b> 60° |                                    |                  |           |      |

example: ELR300P.15.TW27.PA.DA